


Please type a plus sign (+) inside this box 

PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4041J-000853
First Inventor Toshinobu Homan et al
Title Air Conditioner With Control Of Compressor
Express Mail Label No. EV 406 074 815 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 48]
(preferred arrangement set forth below)
 - Descriptive title of the Invention ☒ Specification filed in English
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner _____

of prior application No: _____ / _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

27572

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Harness, Dickey & Pierce, P.L.C.
Address P.O. Box 828
City Bloomfield Hills State MI Zip Code 48303
Country United States of America Telephone 248-641-1600 Fax 248-641-0270

Name (Print/Type) H. Keith Miller, Esq. Registration No. (Attorney/Agent) 22,484
Signature  Date March 25, 2004

EV 406 074 815 US

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FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 810

Complete if Known

Application Number	To be assigned
Filing Date	March 25, 2004
First Named Inventor	Toshinobu Homan et al
Examiner Name	
Art Unit	
Attorney Docket No.	4041J-000853

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☐ Deposit Account:

Deposit Account Number: 08-0750

Deposit Account Name: Harness, Dickey & Pierce, P.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1001	770		2001	385	Utility filing fee	770
	1002	340		2002	170	Design filing fee	
	1003	530		2003	265	Plant filing fee	
	1004	770		2004	385	Reissue filing fee	
	1005	160		2005	80	Provisional filing fee	
SUBTOTAL (1)							(\$ 770)

2. EXTRA CLAIM FEES

Total Claims: 12 - ** = 12 X Fee from below = 0

Independent Claims: 2 - 3 ** = 0 X Fee from below = 0

Multiple Dependent: X Fee from below = 0

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1202	18		2202	9	Claims in excess of 20	
	1201	86		2201	43	Independent claims in excess of 3	
	1203	290		2203	145	Multiple dependent claim, if not paid	
	1204	86		2204	43	** Reissue independent claims over original patent	
	1205	18		2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)							(\$ 0)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
				1051	130	Surcharge - late filing fee or oath	
				1052	50	Surcharge - late provisional filing fee or cover sheet.	
				1053	130	Non-English specification	
				1812	2,520	For filing a request for reexamination	
				1804	920*	Requesting publication of SIR prior to Examiner action	
				1805	1,840*	Requesting publication of SIR after Examiner action	
				1251	110	Extension for reply within first month	
				1252	420	Extension for reply within second month	
				1253	950	Extension for reply within third month	
				1254	1,480	Extension for reply within fourth month	
				1255	2,010	Extension for reply within fifth month	
				1401	330	Notice of Appeal	
				1402	330	Filing a brief in support of an appeal	
				1403	290	Request for oral hearing	
				1451	1,510	Petition to institute a public use proceeding	
				1452	110	Petition to revive - unavoidable	
				1453	1,330	Petition to revive - unintentional	
				1501	1,330	Utility issue fee (or reissue)	
				1502	480	Design issue fee	
				1503	640	Plant issue fee	
				1460	130	Petitions to the Commissioner	
				1807	50	Processing fee under 37 CFR 1.17 (q)	
				1806	180	Submission of Information Disclosure Stmt	
				8021	40	Recording each patent assignment per property (times number of properties)	40
				1809	770	Filing a submission after final rejection (37 CFR § 1.129(a))	
				1810	770	For each additional invention to be examined (37 CFR § 1.129(b))	
				1801	770	Request for Continued Examination (RCE)	
				1802	900	Request for expedited examination of a design application	
Other fee (specify) _____							
*Reduced by Basic Filing Fee Paid							SUBTOTAL (3)
							(\$ 40)

SUBMITTED BY

Name (Print/Type)	H. Keith Miller, Esq.	Registration No. Attorney/Agent)	22,484	Telephone	248-641-1600
Signature				Date	March 25, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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